



National  
Library  
of Medicine



Entrez	PubMed	Nucleotide	Protein	Genome	Structure	OMIM	FPMC	Journals	Books
Search	PubMed	<input checked="" type="checkbox"/>	for	sodium bile transporter AND human		<input type="button" value="Go"/>	<input type="button" value="Clear"/>		
		Limits	Preview/Index		History	Clipboard	Details		

About Entrez

Text Version

Entrez PubMed  
Overview  
Help | FAQ  
Tutorial  
New/Noteworthy  
E-Utilities

PubMed Services  
Journals Database  
MeSH Database  
Single Citation Matcher  
Batch Citation Matcher  
Clinical Queries  
LinkOut  
Cubby

Related Resources  
Order Documents  
NLM Gateway  
TOXNET  
Consumer Health  
Clinical Alerts  
ClinicalTrials.gov  
PubMed Central

Privacy Policy

Display  Summary  Show: 500    Text

Items 1-113 of 113

One page.

- 1: [Chen F, Ananthanarayanan M, Emre S, Neimark E, Bull LN, Knisely AS, Strautnieks SS, Thompson RJ, Magid MS, Gordon R, Balasubramanian N, Suchy FJ, Shneider BL.](#) Related Articles, Links  
**Progressive familial intrahepatic cholestasis, type 1, is associated with decreased farnesoid X receptor activity.**  
*Gastroenterology.* 2004 Mar;126(3):756-64.  
 PMID: 14988830 [PubMed - indexed for MEDLINE]
- 2: [Kahle KT, Gimenez I, Hassan H, Wilson FH, Wong RD, Forbush B, Aronson PS, Lifton RP.](#) Related Articles, Links  
**WNK4 regulates apical and basolateral Cl- flux in extrarenal epithelia.**  
*Proc Natl Acad Sci U S A.* 2004 Feb 17;101(7):2064-9. Epub 2004 Feb 09.  
 PMID: 14769928 [PubMed - indexed for MEDLINE]
- 3: [Kubitz R, Sutefels G, Kuhlkamp T, Kolling R, Haussinger D.](#) Related Articles, Links  
**Trafficking of the bile salt export pump from the Golgi to the canalicular membrane is regulated by the p38 MAP kinase.**  
*Gastroenterology.* 2004 Feb;126(2):541-53.  
 PMID: 14762791 [PubMed - indexed for MEDLINE]
- 4: [Jansen PL, Sturm E.](#) Related Articles, Links  
**Genetic cholestasis, causes and consequences for hepatobiliary transport.**  
*Liver Int.* 2003 Oct;23(5):315-22. Review.  
 PMID: 14708891 [PubMed - indexed for MEDLINE]
- 5: [Kullak-Ublick GA, Stieger B, Meier PJ.](#) Related Articles, Links  
**Enterocyte bile salt transporters in normal physiology and liver disease.**  
*Gastroenterology.* 2004 Jan;126(1):322-42. Review.  
 PMID: 14699511 [PubMed - indexed for MEDLINE]
- 6: [Jung D, Fantin AC, Scheurer U, Fried M, Kullak-Ublick GA.](#) Related Articles, Links  
**Human ileal bile acid transporter gene ASBT (SLC10A2) is transactivated by the glucocorticoid receptor.**  
*Gut.* 2004 Jan;53(1):78-84.  
 PMID: 14684580 [PubMed - indexed for MEDLINE]
- 7: [Ho RH, Leake BF, Roberts RL, Lee W, Kim RB.](#) Related Articles, Links  
**Ethnicity-dependent polymorphism in Na<sup>+</sup>-taurocholate cotransporting polypeptide (SLC10A1) reveals a domain critical for bile acid substrate recognition.**  
*J Biol Chem.* 2004 Feb 20;279(8):7213-22. Epub 2003 Dec 02.  
 PMID: 14660639 [PubMed - indexed for MEDLINE]
- 8: [Gundala S, Wells LD, Milliano MT, Talkad V, Luxon BA, Neuschwander-Tetri BA.](#) Related Articles, Links  
**The hepatocellular bile acid transporter Ntcp facilitates uptake of the lethal mushroom toxin alpha-amanitin.**

Arch Toxicol. 2004 Feb;78(2):68-73. Epub 2003 Nov 04.  
PMID: 14598021 [PubMed - in process]

**9:** Fehrenbach T, Cui Y, Faulstich H, Keppler D. [Related Articles](#), [Links](#)

Characterization of the transport of the bicyclic peptide phalloidin by human hepatic transport proteins.  
Naunyn Schmiedebergs Arch Pharmacol. 2003 Nov;368(5):415-20. Epub 2003 Oct 03.  
PMID: 14530907 [PubMed - indexed for MEDLINE]

**10:** Mesotten D, Van den Berghe G, Liddle C, Coulter S, McDougall F, Baxter RC, Delhanty PJ. [Related Articles](#), [Links](#)

Growth hormone modulation of the rat hepatic bile transporter system in endotoxin-induced cholestasis.  
Endocrinology. 2003 Sep;144(9):4008-17.  
PMID: 12933675 [PubMed - indexed for MEDLINE]

**11:** Hata S, Wang P, Eftychiou N, Ananthanarayanan M, Batta A, Salen G, Pang K.S., Wolkoff A.W. [Related Articles](#), [Links](#)

Substrate specificities of rat oatp1 and ntcp: implications for hepatic organic anion uptake.  
Am J Physiol Gastrointest Liver Physiol. 2003 Nov;285(5):G829-39. Epub 2003 Jul 03.  
PMID: 12842829 [PubMed - indexed for MEDLINE]

**12:** Bhat BG, Rapp SR, Beaudry JA, Napawan N, Butteiger DN, Hall KA, Null CL, Luo Y, Keller BT. [Related Articles](#), [Links](#)

Inhibition of ileal bile acid transport and reduced atherosclerosis in apoE-/- mice by SC-435.  
J Lipid Res. 2003 Sep;44(9):1614-21. Epub 2003 Jun 16.  
PMID: 12810816 [PubMed - in process]

**13:** Marin JJ, Mangas D, Martinez-Diez MC, El-Mir MY, Briz O, Serrano MA. [Related Articles](#), [Links](#)

Sensitivity of bile acid transport by organic anion-transporting polypeptides to intracellular pH.  
Biochim Biophys Acta. 2003 Apr 1;1611(1-2):249-57.  
PMID: 12659967 [PubMed - indexed for MEDLINE]

**14:** Telford DE, Edwards JY, Lipson SM, Sutherland B, Barrett PH, Burnett JR, Krul ES, Keller BT, Huff MW. [Related Articles](#), [Links](#)

Inhibition of both the apical sodium-dependent bile acid transporter and HMG-CoA reductase markedly enhances the clearance of LDL apoB.  
J Lipid Res. 2003 May;44(5):943-52. Epub 2003 Feb 01.  
PMID: 12562847 [PubMed - indexed for MEDLINE]

**15:** Di Sario A, Bendia E, Taffetani S, Marzoni M, Candelaresi C, Pigini P, Schindler U, Kleemann HW, Trozzi L, Macarri G, Benedetti A. [Related Articles](#), [Links](#)

Selective Na<sup>+</sup>/H<sup>+</sup> exchange inhibition by cariporide reduces liver fibrosis in the rat.  
Hepatology. 2003 Feb;37(2):256-66.  
PMID: 12540775 [PubMed - indexed for MEDLINE]

**16:** Zhang EY, Knipp GT, Ekins S, Swaan PW. [Related Articles](#), [Links](#)

Structural biology and function of solute transporters: implications for identifying and designing substrates.  
Drug Metab Rev. 2002 Nov;34(4):709-50. Review.  
PMID: 12487148 [PubMed - indexed for MEDLINE]

**17:** Hallen S, Bjorquist A, Ostlund-Lindqvist AM, Sachs G. [Related Articles](#), [Links](#)

Identification of a region of the ileal-type sodium/bile acid cotransporter

interacting with a competitive bile acid transport inhibitor.  
Biochemistry. 2002 Dec 17;41(50):14916-24.  
PMID: 12475240 [PubMed - indexed for MEDLINE]

18: [Chen F, Ma L, Dawson PA, Sinal CJ, Sehayek E, Gonzalez FJ, Breslow J, Ananthanarayanan M, Shneider BL.](#) Related Articles, Links  
Liver receptor homologue-1 mediates species- and cell line-specific bile acid-dependent negative feedback regulation of the apical sodium-dependent bile acid transporter.  
J Biol Chem. 2003 May 30;278(22):19909-16. Epub 2002 Nov 26.  
PMID: 12456679 [PubMed - indexed for MEDLINE]

19: [Chen F, Ma L, Sartor RB, Li F, Xiong H, Sun AQ, Shneider B.](#) Related Articles, Links  
Inflammatory-mediated repression of the rat ileal sodium-dependent bile acid transporter by c-fos nuclear translocation.  
Gastroenterology. 2002 Dec;123(6):2005-16.  
PMID: 12454857 [PubMed - indexed for MEDLINE]

20: [Begley M, Gahan CG, Hill C.](#) Related Articles, Links  
Bile stress response in *Listeria monocytogenes* LO28: adaptation, cross-protection, and identification of genetic loci involved in bile resistance.  
Appl Environ Microbiol. 2002 Dec;68(12):6005-12.  
PMID: 12450822 [PubMed - indexed for MEDLINE]

21: [Sun AQ, Salkar R, Sachchidanand, Xu S, Zeng L, Zhou MM, Suchy FJ.](#) Related Articles, Links  
A 14-amino acid sequence with a beta-turn structure is required for apical membrane sorting of the rat ileal bile acid transporter.  
J Biol Chem. 2003 Feb 7;278(6):4000-9. Epub 2002 Nov 14.  
PMID: 12435749 [PubMed - indexed for MEDLINE]

22: [Ugele B, St-Pierre MV, Pihusch M, Bahn A, Hantschmann P.](#) Related Articles, Links  
Characterization and identification of steroid sulfate transporters of human placenta.  
Am J Physiol Endocrinol Metab. 2003 Feb;284(2):E390-8. Epub 2002 Oct 29.  
PMID: 12409283 [PubMed - indexed for MEDLINE]

23: [Kok T, Bloks VW, Wolters H, Havinga R, Jansen PL, Staels B, Kuipers F.](#) Related Articles, Links  
Peroxisome proliferator-activated receptor alpha (PPAR $\alpha$ )-mediated regulation of multidrug resistance 2 (Mdr2) expression and function in mice.  
Biochem J. 2003 Feb 1;369(Pt 3):539-47.  
PMID: 12381268 [PubMed - indexed for MEDLINE]

24: [Cheret C, Doyen A, Yaniv M, Pontoglio M.](#) Related Articles, Links  
Hepatocyte nuclear factor 1 alpha controls renal expression of the Npt1-Npt4 anionic transporter locus.  
J Mol Biol. 2002 Oct 4;322(5):929-41.  
PMID: 12367519 [PubMed - indexed for MEDLINE]

25: [West KL, Ramjiganesh T, Roy S, Keller BT, Fernandez ML.](#) Related Articles, Links  
1-[4-[4[(4R,5R)-3,3-Dibutyl-7-(dimethylamino)-2,3,4,5-tetrahydro-4-hydroxy-1,1-dioxido-1-benzothiepin-5-yl]phenoxy]butyl]-4-aza-1-azoniabicyclo[2.2.2]octane methanesulfonate (SC-435), an ileal apical sodium-codependent bile acid transporter inhibitor alters hepatic cholesterol metabolism and lowers plasma low-density lipoprotein-cholesterol concentrations in guinea pigs.

J Pharmacol Exp Ther. 2002 Oct;303(1):293-9.  
PMID: 12235263 [PubMed - indexed for MEDLINE]

**26:** [Zelcer N, Saeki T, Bot I, Kuil A, Borst P.](#) [Related Articles](#), [Links](#)

Transport of bile acids in multidrug-resistance-protein 3-overexpressing cells co-transfected with the ileal Na<sup>+</sup>-dependent bile-acid transporter. Biochem J. 2003 Jan 1;369(Pt 1):23-30.  
PMID: 12220224 [PubMed - indexed for MEDLINE]

**27:** [Root C, Smith CD, Sundseth SS, Pink HM, Wilson JG, Lewis MC.](#) [Related Articles](#), [Links](#)

Ileal bile acid transporter inhibition, CYP7A1 induction, and antilipemic action of 264W94. J Lipid Res. 2002 Aug;43(8):1320-30.  
PMID: 12177176 [PubMed - indexed for MEDLINE]

**28:** [Figge A, Matern S, Lammert F.](#) [Related Articles](#), [Links](#)

[Molecular genetics of cholesterol cholelithiasis: identification of human and murine gallstone genes] Z Gastroenterol. 2002 Jun;40(6):425-32. German.  
PMID: 12055667 [PubMed - indexed for MEDLINE]

**29:** [Jung D, Podvinec M, Meyer UA, Mangelsdorf DJ, Fried M, Meier PJ, Kullak-Ublick GA.](#) [Related Articles](#), [Links](#)

Human organic anion transporting polypeptide 8 promoter is transactivated by the farnesoid X receptor/bile acid receptor. Gastroenterology. 2002 Jun;122(7):1954-66.  
PMID: 12055601 [PubMed - indexed for MEDLINE]

**30:** [Jung D, Fried M, Kullak-Ublick GA.](#) [Related Articles](#), [Links](#)

Human apical sodium-dependent bile salt transporter gene (SLC10A2) is regulated by the peroxisome proliferator-activated receptor alpha. J Biol Chem. 2002 Aug 23;277(34):30559-66. Epub 2002 Jun 07.  
PMID: 12055195 [PubMed - indexed for MEDLINE]

**31:** [Hallen S, Mareninova O, Branden M, Sachs G.](#) [Related Articles](#), [Links](#)

Organization of the membrane domain of the human liver sodium/bile acid cotransporter. Biochemistry. 2002 Jun 11;41(23):7253-66.  
PMID: 12044156 [PubMed - indexed for MEDLINE]

**32:** [Melero S, Spirli C, Zsembery A, Medina JF, Joplin RE, Duner E, Zuin M, Neuberger JM, Prieto J, Strazzabosco M.](#) [Related Articles](#), [Links](#)

Defective regulation of cholangiocyte Cl-/HCO3(-) and Na<sup>+</sup>/H<sup>+</sup> exchanger activities in primary biliary cirrhosis. Hepatology. 2002 Jun;35(6):1513-21.  
PMID: 12029638 [PubMed - indexed for MEDLINE]

**33:** [Meng LJ, Wang P, Wolkoff AW, Kim RB, Tirona RG, Hofmann AF, Pang KS.](#) [Related Articles](#), [Links](#)

Transport of the sulfated, amidated bile acid, sulfolithocholytaurine, into rat hepatocytes is mediated by Oatp1 and Oatp2. Hepatology. 2002 May;35(5):1031-40.  
PMID: 11981753 [PubMed - indexed for MEDLINE]

**34:** [Briz O, Serrano MA, Rebollo N, Hagenbuch B, Meier PJ, Koepsell H, Marin JJ.](#) [Related Articles](#), [Links](#)

Carriers involved in targeting the cytostatic bile acid-cisplatin derivatives cis-diammine-chloro-cholylglycinate-platinum(II) and cis-diammine-bisursodeoxycholate-platinum(II) toward liver cells.

Mol Pharmacol. 2002 Apr;61(4):853-60.  
PMID: 11901224 [PubMed - indexed for MEDLINE]

35: Plass JR, Mol O, Heegsma J, Geuken M, Faber KN, Jansen PL, Muller M. Related Articles, Links  
Farnesoid X receptor and bile salts are involved in transcriptional regulation of the gene encoding the human bile salt export pump. Hepatology. 2002 Mar;35(3):589-96.  
PMID: 11870371 [PubMed - indexed for MEDLINE]

36: Meier PJ, Stieger B. Related Articles, Links  
Bile salt transporters. Annu Rev Physiol. 2002;64:635-61. Review.  
PMID: 11826283 [PubMed - indexed for MEDLINE]

37: Love MW, Craddock AL, Angelin B, Brunzell JD, Duane WC, Dawson PA. Related Articles, Links  
Analysis of the ileal bile acid transporter gene, SLC10A2, in subjects with familial hypertriglyceridemia. Arterioscler Thromb Vasc Biol. 2001 Dec;21(12):2039-45.  
PMID: 11742882 [PubMed - indexed for MEDLINE]

38: Cattori V, van Montfoort JE, Stieger B, Landmann L, Meijer DK, Winterhalter KH, Meier PJ, Hagenbuch B. Related Articles, Links  
Localization of organic anion transporting polypeptide 4 (Oatp4) in rat liver and comparison of its substrate specificity with Oatp1, Oatp2 and Oatp3. Pflugers Arch. 2001 Nov;443(2):188-95.  
PMID: 11713643 [PubMed - indexed for MEDLINE]

39: Ismair MG, Stieger B, Cattori V, Hagenbuch B, Fried M, Meier PJ, Kullak-Ublick GA. Related Articles, Links  
Hepatic uptake of cholecystokinin octapeptide by organic anion-transporting polypeptides OATP4 and OATP8 of rat and human liver. Gastroenterology. 2001 Nov;121(5):1185-90.  
PMID: 11677211 [PubMed - indexed for MEDLINE]

40: Gamba G. Related Articles, Links  
Alternative splicing and diversity of renal transporters. Am J Physiol Renal Physiol. 2001 Nov;281(5):F781-94. Review.  
PMID: 11592935 [PubMed - indexed for MEDLINE]

41: Montagnani M, Love MW, Rossel P, Dawson PA, Qvist P. Related Articles, Links  
Absence of dysfunctional ileal sodium-bile acid cotransporter gene mutations in patients with adult-onset idiopathic bile acid malabsorption. Scand J Gastroenterol. 2001 Oct;36(10):1077-80.  
PMID: 11589382 [PubMed - indexed for MEDLINE]

42: Wang W, Xue S, Ingles SA, Chen Q, Diep AT, Frankl HD, Stoltz A, Haile RW. Related Articles, Links  
An association between genetic polymorphisms in the ileal sodium-dependent bile acid transporter gene and the risk of colorectal adenomas. Cancer Epidemiol Biomarkers Prev. 2001 Sep;10(9):931-6.  
PMID: 11535543 [PubMed - indexed for MEDLINE]

43: Chen F, Ma L, Al-Ansari N, Shneider B. Related Articles, Links  
The role of AP-1 in the transcriptional regulation of the rat apical sodium-dependent bile acid transporter. J Biol Chem. 2001 Oct 19;276(42):38703-14. Epub 2001 Aug 16.  
PMID: 11509565 [PubMed - indexed for MEDLINE]

44: [Jung D, Hagenbuch B, Gresh L, Pontoglio M, Meier PJ, Kullak-Ublick GA](#) Related Articles, Links  
 Characterization of the human OATP-C (SLC21A6) gene promoter and regulation of liver-specific OATP genes by hepatocyte nuclear factor 1 alpha.  
*J Biol Chem.* 2001 Oct 5;276(40):37206-14. Epub 2001 Aug 01.  
 PMID: 11483603 [PubMed - indexed for MEDLINE]

45: [Hamilton SR, Yao SY, Ingram JC, Hadden DA, Ritzel MW, Gallagher MP, Henderson PJ, Cass CE, Young JD, Baldwin SA](#) Related Articles, Links  
 Subcellular distribution and membrane topology of the mammalian concentrative Na<sup>+</sup>-nucleoside cotransporter rCNT1.  
*J Biol Chem.* 2001 Jul 27;276(30):27981-8. Epub 2001 May 25.  
 PMID: 11375981 [PubMed - indexed for MEDLINE]

46: [Cha SH, Sekine T, Fukushima JI, Kanai Y, Kobayashi Y, Goya T, Endou H](#) Related Articles, Links  
 Identification and characterization of human organic anion transporter 3 expressing predominantly in the kidney.  
*Mol Pharmacol.* 2001 May;59(5):1277-86.  
 PMID: 11306713 [PubMed - indexed for MEDLINE]

47: [Fayard E, Schoonjans K, Auwerx J](#) Related Articles, Links  
 Xol INXS: role of the liver X and the farnesol X receptors.  
*Curr Opin Lipidol.* 2001 Apr;12(2):113-20. Review.  
 PMID: 11264982 [PubMed - indexed for MEDLINE]

48: [Chignard N, Mergey M, Veissiere D, Parc R, Capeau J, Poupon R, Paul A, Housset C](#) Related Articles, Links  
 Bile acid transport and regulating functions in the human biliary epithelium.  
*Hepatology.* 2001 Mar;33(3):496-503.  
 PMID: 11230727 [PubMed - indexed for MEDLINE]

49: [Hatanaka T](#) Related Articles, Links  
 Clinical pharmacokinetics of pravastatin: mechanisms of pharmacokinetic events.  
*Clin Pharmacokinet.* 2000 Dec;39(6):397-412. Review.  
 PMID: 11192473 [PubMed - indexed for MEDLINE]

50: [Kullak-Ublick GA, Ismail MG, Stieger B, Landmann L, Huber R, Pizzagalli F, Fattinger K, Meier PJ, Hagenbuch B](#) Related Articles, Links  
 Organic anion-transporting polypeptide B (OATP-B) and its functional comparison with three other OATPs of human liver.  
*Gastroenterology.* 2001 Feb;120(2):525-33.  
 PMID: 11159893 [PubMed - indexed for MEDLINE]

51: [Walters HC, Craddock AL, Fusegawa H, Willingham MC, Dawson PA](#) Related Articles, Links  
 Expression, transport properties, and chromosomal location of organic anion transporter subtype 3.  
*Am J Physiol Gastrointest Liver Physiol.* 2000 Dec;279(6):G1188-200.  
 PMID: 11093941 [PubMed - indexed for MEDLINE]

52: [Jansen PL](#) Related Articles, Links  
 Foreword: from classic bile physiology to cloned transporters.  
*Semin Liver Dis.* 2000;20(3):245-50. Review.  
 PMID: 11076393 [PubMed - indexed for MEDLINE]

53: [Morris ME, Sagawa K](#) Related Articles, Links

Molecular mechanisms of renal sulfate regulation.  
Crit Rev Clin Lab Sci. 2000 Aug;37(4):345-88. Review.  
PMID: 10983998 [PubMed - indexed for MEDLINE]

54: Duane WC, Hartich LA, Bartman AE, Ho SB. Related Articles, Links  
Diminished gene expression of ileal apical sodium bile acid transporter explains impaired absorption of bile acid in patients with hypertriglyceridemia.  
J Lipid Res. 2000 Sep;41(9):1384-9.  
PMID: 10974045 [PubMed - indexed for MEDLINE]

55: Bonge H, Hallen S, Fryklund J, Sjostrom JE. Related Articles, Links  
Cytostar-T scintillating microplate assay for measurement of sodium-dependent bile acid uptake in transfected HEK-293 cells.  
Anal Biochem. 2000 Jun 15;282(1):94-101.  
PMID: 10860504 [PubMed - indexed for MEDLINE]

56: Lo YL, Huang JD. Related Articles, Links  
Effects of sodium deoxycholate and sodium caprate on the transport of epirubicin in human intestinal epithelial Caco-2 cell layers and everted gut sacs of rats.  
Biochem Pharmacol. 2000 Mar 15;59(6):665-72.  
PMID: 10677583 [PubMed - indexed for MEDLINE]

57: Cha SH, Sekine T, Kusuhara H, Yu E, Kim JY, Kim DK, Sugiyama Y, Kanai Y, Endou H. Related Articles, Links  
Molecular cloning and characterization of multispecific organic anion transporter 4 expressed in the placenta.  
J Biol Chem. 2000 Feb 11;275(6):4507-12.  
PMID: 10660625 [PubMed - indexed for MEDLINE]

58: Kim RB, Leake B, Cvetkovic M, Roden MM, Nadeau J, Walubo A, Wilkinson GR. Related Articles, Links  
Modulation by drugs of human hepatic sodium-dependent bile acid transporter (sodium taurocholate cotransporting polypeptide) activity.  
J Pharmacol Exp Ther. 1999 Dec;291(3):1204-9.  
PMID: 10565843 [PubMed - indexed for MEDLINE]

59: van Montfoort JE, Hagenbuch B, Fattinger KE, Muller M, Grootenhuis GM, Meijer DK, Meier PJ. Related Articles, Links  
Polyspecific organic anion transporting polypeptides mediate hepatic uptake of amphipathic type II organic cations.  
J Pharmacol Exp Ther. 1999 Oct;291(1):147-52.  
PMID: 10490898 [PubMed - indexed for MEDLINE]

60: Ivanchenkova RA. Related Articles, Links  
[Some aspects of biliary] Klin Med (Mosk). 1999;77(7):18-22. Review. Russian. No abstract available.  
PMID: 10483158 [PubMed - indexed for MEDLINE]

61: Hallen S, Branden M, Dawson PA, Sachs G. Related Articles, Links  
Membrane insertion scanning of the human ileal sodium/bile acid co-transporter.  
Biochemistry. 1999 Aug 31;38(35):11379-88.  
PMID: 10471288 [PubMed - indexed for MEDLINE]

62: Cvetkovic M, Leake B, Fromm MF, Wilkinson GR, Kim RB. Related Articles, Links  
OATP and P-glycoprotein transporters mediate the cellular uptake and

excretion of fexofenadine.

Drug Metab Dispos. 1999 Aug;27(8):866-71.

PMID: 10421612 [PubMed - indexed for MEDLINE]

63: Mauricio AC, Ferreira KT.

[Related Articles](#), [Links](#)

 Activation of ionic channels by deoxycholate in frog and human cell lines.  
Exp Physiol. 1999 May;84(3):489-99.

PMID: 10362847 [PubMed - indexed for MEDLINE]

64: Abe T, Kakyo M, Tokui T, Nakagomi R, Nishio T, Nakai D, Nomura H, Unno M, Suzuki M, Naitoh T, Matsuno S, Yawo H.

[Related Articles](#), [Links](#)

 Identification of a novel gene family encoding human liver-specific organic anion transporter LST-1.  
J Biol Chem. 1999 Jun 11;274(24):17159-63.  
PMID: 10358072 [PubMed - indexed for MEDLINE]

65: Kamisako T, Gabazza EC, Ishihara T, Adachi Y.

[Related Articles](#), [Links](#)

 Molecular aspects of organic compound transport across the plasma membrane of hepatocytes.  
J Gastroenterol Hepatol. 1999 May;14(5):405-12. Review.  
PMID: 10355502 [PubMed - indexed for MEDLINE]

66: Makishima M, Okamoto AY, Repa JJ, Tu H, Learned RM, Luk A, Hull MV, Lustig KD, Mangelsdorf DJ, Shan B.

[Related Articles](#), [Links](#)

 Identification of a nuclear receptor for bile acids.  
Science. 1999 May 21;284(5418):1362-5.  
PMID: 10334992 [PubMed - indexed for MEDLINE]

67: Que FG, Phan VA, Phan VH, LaRusso NF, Gores GJ.

[Related Articles](#), [Links](#)

 GUDC inhibits cytochrome c release from human cholangiocyte mitochondria.  
J Surg Res. 1999 May 15;83(2):100-5.  
PMID: 10329102 [PubMed - indexed for MEDLINE]

68: Bahar RJ, Stolz A.

[Related Articles](#), [Links](#)

 Bile acid transport.  
Gastroenterol Clin North Am. 1999 Mar;28(1):27-58. Review.  
PMID: 10198777 [PubMed - indexed for MEDLINE]

69: Saeki T, Matoba K, Furukawa H, Kirifujii K, Kanamoto R, Iwami K.

[Related Articles](#), [Links](#)

 Characterization, cDNA cloning, and functional expression of mouse ileal sodium-dependent bile acid transporter.  
J Biochem (Tokyo). 1999 Apr;125(4):846-51.  
PMID: 10101301 [PubMed - indexed for MEDLINE]

70: Weinman SA, Carruth MW, Dawson PA.

[Related Articles](#), [Links](#)

 Bile acid uptake via the human apical sodium-bile acid cotransporter is electrogenic.  
J Biol Chem. 1998 Dec 25;273(52):34691-5.  
PMID: 9856990 [PubMed - indexed for MEDLINE]

71: Montagnani M, Aldini R, Roda A, Roda E.

[Related Articles](#), [Links](#)

 New insights in the physiology and molecular basis of the intestinal bile acid absorption.  
Ital J Gastroenterol Hepatol. 1998 Aug;30(4):435-40. Review.  
PMID: 9789145 [PubMed - indexed for MEDLINE]

72: Cho WK.

[Related Articles](#), [Links](#)

**Role of the neuropeptide, bombesin, in bile secretion.**  
Yale J Biol Med. 1997 Jul-Aug;70(4):409-16. Review.  
PMID: 9626761 [PubMed - indexed for MEDLINE]

**73: Gartung C, Matern S.** Related Articles, Links  
  
 **Molecular regulation of sinusoidal liver bile acid transporters during cholestasis.**  
Yale J Biol Med. 1997 Jul-Aug;70(4):355-63. Review.  
PMID: 9626756 [PubMed - indexed for MEDLINE]

**74: Bravo P, Bender V, Cassio D.** Related Articles, Links  
  
 **Efficient in vitro vectorial transport of a fluorescent conjugated bile acid analogue by polarized hepatic hybrid WIF-B and WIF-B9 cells.**  
Hepatology. 1998 Feb;27(2):576-83.  
PMID: 9462660 [PubMed - indexed for MEDLINE]

**75: Craddock AL, Love MW, Daniel RW, Kirby LC, Walters HC, Wong MH, Dawson PA.** Related Articles, Links  
  
 **Expression and transport properties of the human ileal and renal sodium-dependent bile acid transporter.**  
Am J Physiol. 1998 Jan;274(1 Pt 1):G157-69.  
PMID: 9458785 [PubMed - indexed for MEDLINE]

**76: Hagenbuch B.** Related Articles, Links  
  
 **Molecular properties of hepatic uptake systems for bile acids and organic anions.**  
J Membr Biol. 1997 Nov 1;160(1):1-8. Review. No abstract available.  
PMID: 9351887 [PubMed - indexed for MEDLINE]

**77: Kullak-Ublick GA, Glasa J, Boker C, Oswald M, Grutzner U, Hagenbuch B, Steiger B, Meier PJ, Beuers U, Kramer W, Wess G, Paumgartner G.** Related Articles, Links  
  
 **Chlorambucil-taurocholate is transported by bile acid carriers expressed in human hepatocellular carcinomas.**  
Gastroenterology. 1997 Oct;113(4):1295-305.  
PMID: 9322525 [PubMed - indexed for MEDLINE]

**78: Silviani V, Gastaldi M, Planells R, Marteau C, Massacrier A, Cohen P, Cau P, Gerolami A.** Related Articles, Links  
  
 **NHE-3 isoform of the Na<sup>+</sup>/H<sup>+</sup> exchanger in human gallbladder.**  
Localization of specific mRNA by in situ hybridization.  
J Hepatol. 1997 Jun;26(6):1281-6.  
PMID: 9210615 [PubMed - indexed for MEDLINE]

**79: Shneider BL, Fox VL, Schwarz KB, Watson CL, Ananthanarayanan M, Thevananther S, Christie DM, Hardikar W, Setchell KD, Mieli-Vergani G, Suchy FJ, Mowat AP.** Related Articles, Links  
  
 **Hepatic basolateral sodium-dependent-bile acid transporter expression in two unusual cases of hypercholanemia and in extrahepatic biliary atresia.**  
Hepatology. 1997 May;25(5):1176-83.  
PMID: 9141436 [PubMed - indexed for MEDLINE]

**80: Oelkers P, Kirby LC, Heubi JE, Dawson PA.** Related Articles, Links  
  
 **Primary bile acid malabsorption caused by mutations in the ileal sodium-dependent bile acid transporter gene (SLC10A2).**  
J Clin Invest. 1997 Apr 15;99(8):1880-7.  
PMID: 9109432 [PubMed - indexed for MEDLINE]

**81: Small DM.** Related Articles, Links

Point mutations in the ileal bile salt transporter cause leaks in the enterohepatic circulation leading to severe chronic diarrhea and malabsorption.  
J Clin Invest. 1997 Apr 15;99(8):1807-8. Review. No abstract available.  
PMID: 9109422 [PubMed - indexed for MEDLINE]

82: [Strazzabosco M](#), [Joplin R](#), [Zseimber A](#), [Wallace L](#), [Spirli C](#), [Fabris L](#), [Granato A](#), [Rossanese A](#), [Poci C](#), [Neuberger JM](#), [Okolicsanyi L](#), [Crepaldi G](#). Related Articles, Links  
[Na\(+\) -dependent and -independent Cl-/HCO-3 exchange mediate cellular HCO3- transport in cultured human intrahepatic bile duct cells.](#)  
Hepatology. 1997 Apr;25(4):976-85.  
PMID: 9096607 [PubMed - indexed for MEDLINE]

83: [Kagedahl M](#), [Swaan PW](#), [Redemann CT](#), [Tang M](#), [Craik CS](#), [Szoka FC Jr](#), [Oie S](#). Related Articles, Links  
[Use of the intestinal bile acid transporter for the uptake of cholic acid conjugates with HIV-1 protease inhibitory activity.](#)  
Pharm Res. 1997 Feb;14(2):176-80.  
PMID: 9090705 [PubMed - indexed for MEDLINE]

84: [Bayle D](#), [Weeks D](#), [Hallen S](#), [Melchers K](#), [Bamberg K](#), [Sachs G](#). Related Articles, Links  
[In vitro translation analysis of integral membrane proteins.](#)  
J Recept Signal Transduct Res. 1997 Jan-May;17(1-3):29-56. Review.  
PMID: 9029480 [PubMed - indexed for MEDLINE]

85: [Bossuyt X](#), [Muller M](#), [Meier PJ](#). Related Articles, Links  
[Multispecific amphipathic substrate transport by an organic anion transporter of human liver.](#)  
J Hepatol. 1996 Nov;25(S):733-8.  
PMID: 8938553 [PubMed - indexed for MEDLINE]

86: [Parkkila S](#), [Parkkila AK](#), [Juvonen T](#), [Waheed A](#), [Sly WS](#), [Saarnio J](#), [Kaunisto K](#), [Kellokumpu S](#), [Rajaniemi H](#). Related Articles, Links  
[Membrane-bound carbonic anhydrase IV is expressed in the luminal plasma membrane of the human gallbladder epithelium.](#)  
Hepatology. 1996 Nov;24(5):1104-8.  
PMID: 8903383 [PubMed - indexed for MEDLINE]

87: [Elsing C](#), [Kassner A](#), [Stremmel W](#). Related Articles, Links  
[Sodium, hydrogen antiporter activation by extracellular adenosine triphosphate in biliary epithelial cells.](#)  
Gastroenterology. 1996 Nov;111(5):1321-32.  
PMID: 8898647 [PubMed - indexed for MEDLINE]

88: [Adachi Y](#), [Kamisako T](#), [Okuyama Y](#), [Miya H](#). Related Articles, Links  
[\[Hepatic metabolism and transport of bilirubin and other organic anions\]](#)  
Nippon Rinsho. 1996 Aug;54(8):2276-90. Review. Japanese.  
PMID: 8810807 [PubMed - indexed for MEDLINE]

89: [Colombani V](#), [Silviani V](#), [Marteau C](#), [Lerique B](#), [Cartouzou G](#), [Gerolami A](#). Related Articles, Links  
[Presence of the NHE3 isoform of the Na+/H+ exchanger in human gallbladder.](#)  
Clin Sci (Lond). 1996 Aug;91(2):209-12.  
PMID: 8795445 [PubMed - indexed for MEDLINE]

90: [Karpen SJ](#), [Sun AQ](#), [Kudish B](#), [Hagenbuch B](#), [Meier PJ](#), [Ananthanarayanan M](#), [Suchy FJ](#). Related Articles, Links

**Multiple factors regulate the rat liver basolateral sodium-dependent bile acid cotransporter gene promoter.**  
J Biol Chem. 1996 Jun 21;271(25):15211-21.  
PMID: 8662994 [PubMed - indexed for MEDLINE]

**91:** [Hagenbuch B, Meier PJ.](#) Related Articles, Links

**Sinusoidal (basolateral) bile salt uptake systems of hepatocytes.**  
Semin Liver Dis. 1996 May;16(2):129-36. Review.  
PMID: 8781018 [PubMed - indexed for MEDLINE]

**92:** [Kullak-Ublick GA, Beuers U, Paumgartner G.](#) Related Articles, Links

**Molecular and functional characterization of bile acid transport in human hepatoblastoma HepG2 cells.**  
Hepatology. 1996 May;23(5):1053-60.  
PMID: 8621133 [PubMed - indexed for MEDLINE]

**93:** [Kanai N, Lu R, Bao Y, Wolkoff AW, Schuster VL.](#) Related Articles, Links

**Transient expression of oatp organic anion transporter in mammalian cells: identification of candidate substrates.**  
Am J Physiol. 1996 Feb;270(2 Pt 2):F319-25.  
PMID: 8779893 [PubMed - indexed for MEDLINE]

**94:** [Graf J, Haussinger D.](#) Related Articles, Links

**Ion transport in hepatocytes: mechanisms and correlations to cell volume, hormone actions and metabolism.**  
J Hepatol. 1996;24 Suppl 1:53-77. Review.  
PMID: 8926370 [PubMed - indexed for MEDLINE]

**95:** [Petzinger E, Blumrich M, Bruhl B, Eckhardt U, Follmann W, Honscha W, Horz JA, Muller N, Nickau L, Ottallah-Kolac M, Platte HD, Schenk A, Schuh K, Schulz K, Schulz S.](#) Related Articles, Links

**What we have learned about bumetanide and the concept of multispecific bile acid/drug transporters from the liver.**  
J Hepatol. 1996;24 Suppl 1:42-6. Review.  
PMID: 8926368 [PubMed - indexed for MEDLINE]

**96:** [Wong MH, Oelkers P, Dawson PA.](#) Related Articles, Links

**Identification of a mutation in the ileal sodium-dependent bile acid transporter gene that abolishes transport activity.**  
J Biol Chem. 1995 Nov 10;270(45):27228-34.  
PMID: 7592981 [PubMed - indexed for MEDLINE]

**97:** [Root C, Smith CD, Winegar DA, Brieady I.E, Lewis MC.](#) Related Articles, Links

**Inhibition of ileal sodium-dependent bile acid transport by 2164U90.**  
J Lipid Res. 1995 May;36(5):1106-15.  
PMID: 7658159 [PubMed - indexed for MEDLINE]

**98:** [Elsing C, Hirlinger A, Renner EL, Lauterburg BH, Meier PJ, Reichen J.](#) Related Articles, Links

**Solvent isotope effect on bile formation in the rat.**  
Biochem J. 1995 Apr 1;307 (Pt 1):175-81.  
PMID: 7717973 [PubMed - indexed for MEDLINE]

**99:** [Shneider BL.](#) Related Articles, Links

**Expression cloning of the ileal sodium-dependent bile acid transporter.**  
J Pediatr Gastroenterol Nutr. 1995 Feb;20(2):233-5. No abstract available.  
PMID: 7714692 [PubMed - indexed for MEDLINE]

**100:** [Chinet T.](#) Related Articles, Links

 [CFTR protein and molecular mechanisms of pulmonary involvement in cystic fibrosis]  
Rev Pneumol Clin. 1995;51(3):122-9. Review. French.  
PMID: 7569573 [PubMed - indexed for MEDLINE]

 **101:** [Ananthanarayanan M, Ng OC, Boyer JL, Suchy FJ.](#) [Related Articles](#), [Links](#)  
 Characterization of cloned rat liver Na(+)–bile acid cotransporter using peptide and fusion protein antibodies.  
Am J Physiol. 1994 Oct;267(4 Pt 1):G637-43.  
PMID: 7943329 [PubMed - indexed for MEDLINE]

 **102:** [Martinez-Anso E, Castillo JE, Diez J, Medina JF, Prieto J.](#) [Related Articles](#), [Links](#)  
 Immunohistochemical detection of chloride/bicarbonate anion exchangers in human liver.  
Hepatology. 1994 Jun;19(6):1400-6.  
PMID: 8188169 [PubMed - indexed for MEDLINE]

 **103:** [Strazzabosco M, Poci C, Spirli C, Sartori L, Knuth A, Crepaldi G.](#) [Related Articles](#), [Links](#)  
 Effect of ursodeoxycholic acid on intracellular pH in a bile duct epithelium-like cell line.  
Hepatology. 1994 Jan;19(1):145-54.  
PMID: 8276351 [PubMed - indexed for MEDLINE]

 **104:** [Devor DC, Sekar MC, Frizzell RA, Duffey ME.](#) [Related Articles](#), [Links](#)  
 Taurodeoxycholate activates potassium and chloride conductances via an IP<sub>3</sub>-mediated release of calcium from intracellular stores in a colonic cell line (T84)  
J Clin Invest. 1993 Nov;92(5):2173-81.  
PMID: 7693758 [PubMed - indexed for MEDLINE]

 **105:** [Sellinger M, Haag K, Burekhardt G, Gerok W, Knauf H.](#) [Related Articles](#), [Links](#)  
 Sulfated bile acids inhibit Na(+)–H<sup>+</sup> antiport in human kidney brush-border membrane vesicles.  
Am J Physiol. 1990 Apr;258(4 Pt 2):F986-91.  
PMID: 2158747 [PubMed - indexed for MEDLINE]

 **106:** [Barnard JA, Ghishan FK.](#) [Related Articles](#), [Links](#)  
 Taurocholate transport by human ileal brush border membrane vesicles.  
Gastroenterology. 1987 Nov;93(5):925-33.  
PMID: 2443416 [PubMed - indexed for MEDLINE]

 **107:** [Phillips MJ, Poucell S, Oda M.](#) [Related Articles](#), [Links](#)  
 Mechanisms of cholestasis.  
Lab Invest. 1986 Jun;54(6):593-608. Review. No abstract available.  
PMID: 2423777 [PubMed - indexed for MEDLINE]

 **108:** [Paumgartner G.](#) [Related Articles](#), [Links](#)  
 [Transport processes of bile secretion and its pharmacologic modification]  
Z Gastroenterol Verh. 1986 Apr;21:160-4. German. No abstract available.  
PMID: 2422833 [PubMed - indexed for MEDLINE]

 **109:** [Scharschmidt BF, Van Dyke RW.](#) [Related Articles](#), [Links](#)  
 Mechanisms of hepatic electrolyte transport.  
Gastroenterology. 1983 Nov;85(5):1199-214. Review. No abstract available.  
PMID: 6311658 [PubMed - indexed for MEDLINE]

 **110:** [Stremmel W, Tavoloni N, Berk PD.](#) [Related Articles](#), [Links](#)

 Uptake of bilirubin by the liver.  
Semin Liver Dis. 1983 Feb;3(1):1-10. Review. No abstract available.  
PMID: 6301067 [PubMed - indexed for MEDLINE]

 **111:** Ullrich KJ, Rumrich G, Kloss S. Related Articles, Links

 Transport of inorganic and organic substances in the renal proximal tubule.  
Klin Wochenschr. 1982 Oct 1;60(19):1165-72.  
PMID: 6292568 [PubMed - indexed for MEDLINE]

 **112:** Boyer JL. Related Articles, Links

 New concepts of mechanisms of hepatocyte bile formation.  
Physiol Rev. 1980 Apr;60(2):303-26. Review. No abstract available.  
PMID: 6247725 [PubMed - indexed for MEDLINE]

 **113:** Rudnick G, Nelson PJ. Related Articles, Links

 Reconstitution of 5-hydroxytryptamine transport from cholate-disrupted platelet plasma membrane vesicles.  
Biochemistry. 1978 Nov 28;17(24):5300-3.  
PMID: 728400 [PubMed - indexed for MEDLINE]

[Display](#) [Summary](#)  Show:     [Text](#)   
Items 1-113 of 113      One page.

[Write to the Help Desk](#)

[NCBI](#) | [NLM](#) | [NIH](#)

[Department of Health & Human Services](#)

[Freedom of Information Act](#) | [Disclaimer](#)

May 12 2004 06:43:50